

20030329.qrp v02_n874.qrl.20030329

Date: Sat, 29 Mar 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2874

QRP-L Digest 2874

Topics covered in this issue include:

- 1) [148299] Re: Question on Wideband Transformers/Use of 'filar windings
by "Chris Trask" <chistrask@earthlink.net>
- 2) [148300] Re: Question on Wideband Transformers/Use of 'filar windings
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 3) [148301] Fwd: Results 13th OQRP-CONTEST
by dl6aaf@t-online.de (Uwe Meier)
- 4) [148302] Re: OT: Great Hubble Photo URL WOW!!
by Edgar R Guillot <n5ed@juno.com>
- 5) [148303] Re: Question on Wideband Transformers/Use of 'filar windings
by Paul Kiciak <pkiciak@adelphia.net>
- 6) [148304] Sencore transistor tester TR-139
by "Rich Dailey, KA80KH" <okh.npi@gte.net>
- 7) [148305] QRP Hall of Fame
by "Kenneth Evans" <w4du@attbi.com>
- 8) [148306] K0EVZ Final FOX Log
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 9) [148307] Want to Buy--Norcal 40a
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 10) [148308] Presentation to Red Cross
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 11) [148309] OT: New callsign
by "Heimo J. Lyden" <fg5vij@golfinho.com>
- 12) [148310] WY all QRP
by Larry Cahoon <lejek@erols.com>
- 13) [148311] SCAFs
by Al Scanandoah <k2zn@rochester.rr.com>
- 14) [148312] April QST Arrived?
by "Rich Dailey, KA80KH" <okh.npi@gte.net>
- 15) [148313] Sencore Transistor tester spoken for -tnx
by "Rich Dailey, KA80KH" <okh.npi@gte.net>
- 16) [148314] FS: OHR WM-1 Meter (plus Kanga Stockton meter)
by "NZ8J" <nz8j@woh.rr.com>
- 17) [148315] FS: Emtech ZM-2 Kit
by "Tim, N9PUZ" <n9puz@arrl.net>
- 18) [148316] Re: April QST Arrived?
by Ted Buckley <tedb@aracnet.com>
- 19) [148317] Shack Cleaning

by NA1XX@aol.com
20) [148318] Re: April QST Arrived?
by "Lawrence Makoski" <Makos327@worldnet.att.net>
21) [148319] Is anyone going to Arkiecon from Houston?
by "James R. Duffey" <JamesDuffey@comcast.net>
22) [148320] FP WAS
by "Jay" <aj4ay@worldnet.att.net>

Date: Fri, 28 Mar 2003 16:42:30 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: <alihernlem@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148299] Re: Question on Wideband Transformers/Use of 'filar windings
Message-ID: <005301c2f583\$b40f07c0\$9c8e9a40@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

On Friday, March 28, 2003 2:45 PM, Brad Hernlem wrote:

>
> When and why would one want to place windings, using a binocular
> core, such that they pass around the outside of the core rather
> than solely between the two holes? How does this affect the design
> values which I believe are usually specified on the datasheets as
> inductance per turns assuming only between the two holes?
>

The only instance I know of winding the turns on the outside of the binocular core is in making a balanced autotransformer, sometimes called a hybrid transformer, although that confuses it with a bridge transformer. Two equal bifilar windings are made through each single hole and around the outside of the core. The wires are cross-connected so as to achieve better balance and to give a 4:1 balanced impedance ratio. The leakage inductance is higher than when placing the windings through both holes, but it is easier to get good balance this way. This sort of transformer is needed when good balance is needed from one balanced stage to another.

If trifilar wires are used, a good 4:1 centre-tapped isolated winding transformer can be made.

>
> P.S. is a toroid a "monocular core"? b-)
>

Chris

[illegible]

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: christrask@earthlink.net
<http://www.home.earthlink.net/~christrask>

Date: Fri, 28 Mar 2003 19:02:08 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <alihernlem@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148300] Re: Question on Wideband Transformers/Use of 'filar windings
Message-ID: <007201c2f59f\$9661eb40\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

```
> When and why would one want to place windings, using a binocular core,
such
> that they pass around the outside of the core rather than solely between
the
> two holes?
```

I doubt that you would want to do this. (See next question.)

> How does this affect the design values which I believe are
> usually specified on the datasheets as inductance per turns assuming only

> between the two holes?

In this mode, you'd be using the core in a manner similar to a ferrite rod, rather than like a toroid or binocular core. With a solenoid wound on a rod, the "square of turns" proportionality goes out the window.

The reason is that with a donut or binocular core, there is a path for flux caused by the current in the wire to completely encircle the wire without leaving the core. With a rod type of inductor, part of the path is going to be in air. That part "rules" because of its much lower permeability.

72--Nick, WA5BDU

>

> Brad

>

> P.S. is a toroid a "monocular core"? b-)

Yes, if it will fit in your eye.

Date: Sat, 29 Mar 2003 02:35:43 +0100 (MET)
From: dl6aaf@t-online.de (Uwe Meier)
To: qrp-l@lehigh.edu
Subject: [148301] Fwd: Results 13th OQRP-CONTEST
Message-ID: <200303290135.CAA00357@joringel.t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU
QRP-Contest-Community (qrpcc)
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER
Germany

28-Mar-2003

Dear OQRP-Contest friends,

the qrpcc presents the

Results of the 13th O R I G I N A L - Q R P - C O N T E S T (28/29-Dec-02)

(Pos., call, points, nr. of qso, bands 80-20 = a-c; VLP = very low power,
MP = moderate power, n0 = non Original, CH = checklog)

	V L P	HANDMADE	<1W	
1	F6ACD	59241	216	abc
2	DL1JGA	14575	92	abc
3	OK2BND	4509	56	abc
4	DK8SX	4323	53	c
5	DL4HG	4110	44	bc
6	OK1DZD	3808	43	ab
7	OK2PZL	3770	41	bc
8	PA3FSC	3618	44	bc
9	DL9CE	3584	37	c
10	DF2SJ	3111	60	b
11	DL9QM	2496	33	bc
12	DL1AZK	2352	27	bc
13	OZ9KC	2225	29	ab
14	OK1DXK	1694	23	c
15	DL1KSW	1598	40	b
16	DL8UAW	1566	30	ab
17	DJ3KK	1352	32	b
18	DJ7JE	1222	31	b
19	DJ5KZ	756	21	b
20	DL6MHW	610	22	b
21	DL2KDW	360	12	c
22	F5ZV	344	16	b
23	DF0GIF	336	15	b
24	DK0SZ	320	15	a
25	DJ7ST	216	9	ab
26	DL0SGN	90	6	a
27	DK7BK	48	3	b

	Q R P	HANDMADE	<5W	
1	DL1RNN	84630	287	abc
2	ON5GL	61947	212	abc
3	DL6CGC	54027	195	abc
4	DK3UZ	49653	200	abc
5	DJ6NS	47430	179	abc
6	DL5JAN	28609	133	abc
7	DL8MTG	22940	125	abc

8	SP3BOL	20923	115	abc
9	PA0RDT	20140	122	ab
10	OE8GBK	15510	90	abc
11	DL1HTX	14739	97	abc
12	DL2HRF	11749	125	b
13	Y04AAC	11025	77	bc
14	OH7QR	9114	73	bc
15	HB9HQX	8471	65	abc
16	LZ1IQ	8160	63	bc
17	DL3BCU	7714	63	abc
18	DL3AKF	7168	74	bc
19	PA0RBO	6685	59	abc
20	DL4JLM	6270	87	b
21	DM2CUG	5660	91	b
22	HA8LNT	5544	50	abc
23	DL2RT	4323	41	abc
24	DL90E	3982	59	b
25	DL2FI/p	3860	64	b
26	DL1JGS	3798	71	b
27	ON4ADR	3090	37	ac
28	DL6AAF	2940	45	ab
29	DK1HE	2646	45	b
30	DJ9CS	2464	34	bc
31	DL3MCI	2280	25	abc
32	OK2CVA	2198	53	b
33	DL4KUG	1919	32	ab
34	M0AVN	1860	27	ab
35	DL9GWA	1776	26	bc
36	DL1AVD	1440	27	ab
37	DL5ANS	1334	19	c
38	DL7UWE	1296	25	b
39	DL1ARG	1200	21	ab
39	OK2BTT	1200	21	b
41	DL2WRJ	1156	20	abc
42	DL8GN	1050	20	c
43	DL8LRZ	741	12	abc
44	DK6NC	656	14	c
45	HB9DEO	560	14	ac
46	EA3EZO	490	12	bc
47	DL2BXC	162	6	c
48	DL6KWN	110	7	a
49	DK2SH	91	4	c
50	DK9KR	75	7	b
51	DL7AQT	30	4	b

M P HANDMADE <20W

1	UT5UAK	2212	37	ab
---	--------	------	----	----

	V L P	OPEN	<1W	
--	-------	------	-----	--

1	OK1DMP	32785	155	abc
2	OK1DEC	18088	89	abc
3	F6FTB	16796	98	abc
4	DL0AWG	7896	51	abc
5	OK1DLB	7744	80	ab
6	DK4CU	6118	53	abc
7	EA4RJ	3330	39	abc
8	DJ3GE	3050	38	bc
9	OZ7MA	2856	30	abc
10	OZ9QM	2592	57	c
11	SP7BCA	2412	41	a
12	DF30L	2400	34	abc
13	PA9RZ	2295	25	abc
14	UR5GJP	1968	31	bc
15	G0KRT	1606	28	abc
16	DJ6FO	1280	19	abc
17	SP5AGU	992	20	c
18	EA7AAW	861	29	bc
19	OK1ITK	852	26	a
20	F8DLJ	793	22	b
21	DL8BEG	738	23	bc
22	DK0VLP	525	14	c
23	DL1AAA	32	4	b
24	SP2YNC	18	3	a
25	OK2HWP	1	1	b
CH	SM6DER		10	c

	Q R P	OPEN	<5W	
--	-------	------	-----	--

1	DA0MF	66928	248	abc
2	OK1FKD	55648	196	abc
3	DL6AWJ	55608	215	abc
4	G3VIP	41572	177	abc
5	OM1II	30956	142	abc
6	OM3TY	25854	148	abc
7	DK3JU	24840	114	abc
8	SP6LV	22080	123	abc
9	SM6FPC	21840	126	abc
10	OK1FVD	19980	90	abc
11	DL6ABB	19656	105	abc
12	OK2FB	17280	104	abc
13	I1XSG	17110	100	abc

14	DJ0GD	14522	91	abc
15	OM8MM	13338	81	abc
16	DK3DUA	9870	59	abc
17	LA7SI	9408	61	abc
18	DL1LAW	8970	63	abc
19	DJ3XG	8772	61	abc
20	EA1KC	7667	61	abc
21	OK1FAQ	7000	85	b
22	ON7CC	6888	53	abc
23	PA0ATG	6580	60	bc
24	DF1UQ	6090	72	bc
25	HB9RE	5888	61	abc
26	F6ABI	5355	60	bc
27	DL3RAD	5208	57	abc
28	PA1SL	5192	43	abc
29	DL0NZ	4968	45	ab
30	ON6NW	4862	50	bc
31	DL1JAK	4776	67	ab
32	HB9JB0	4674	51	abc
33	DL4LAC	4371	48	bc
34	DJ2GL	4200	42	abc
35	DJ3LR	4160	41	bc
36	DL8DZV	3975	51	b
37	OK1AIJ	3968	43	abc
38	DF3YJ	3914	47	abc
39	EA40A	3740	41	bc
40	DM3SWD	3699	44	bc
41	DF9DH	3612	58	b
42	DL6UKL	3321	42	ab
43	OK1FA0	3159	41	c
44	DK5RY	2860	35	c
45	DL2AWA	2750	38	a
46	DL3ECG	2375	29	bc
47	GW0VSW	2240	30	abc
48	DL8BDF	2184	30	ac
49	DF4FA	2125	28	bc
50	ON5JD	2112	27	bc
51	PA3AFF	2079	29	abc
52	IT9GXE	2064	26	bc
53	IK6FPT	1968	25	c
54	9A3ML	1848	26	ac
55	G4HS0	1728	24	abc
56	GM4BKV	1530	33	c
57	EA5EF	1512	30	abc
58	DM3FZN	1449	24	abc
59	HB9BQB	1400	20	bc
60	DL1SMA	1395	27	b
61	OZ7BQ	1274	30	b

62	DK9EA	1230	25	ab
63	DK90Y	1170	27	b
64	DK1LG	1102	16	abc
65	DK3BN	1092	27	b
66	DL4LCA	935	25	b
67	PA3FGI	792	14	abc
68	DL7ZBI	490	19	b
69	PA3HBX	275	7	bc
70	DL8NAV	231	9	c
71	ON4KAR	224	10	bc
72	DL6KD	112	5	c
73	DJ4VP	68	5	a
74	KF6NCX	2	2	b
74	KE6YLH	2	2	b
CH	OK10X		53	???
CH	DL4DQA		47	abc
CH	DL7VPE		40	abc
CH	G8IB		30	abc
CH	F/DL4IW		10	b
CH	DL3JGN		3	a
n0	OM2ZZ		28	c
n0	SP9EMI		10	b
n0	UA4ARL		2	c

	M P	OPEN	<20W	

1	HG9M	94160	294	abc
2	DF5LW	50512	231	abc
3	DL3ZAI	32448	137	abc
4	DK0FIH	6026	48	abc
5	LZ1FJ	4544	46	bc
6	DK0IBF	4012	43	abc
7	PA0FEI	3808	40	bc
8	DJ8GR	2450	35	ab
9	DF1SZ	504	17	b
10	DJ1KAI	299	8	bc
CH	OK2ZJ		73	abc
n0	3Z0PRK		213	abc
n0	ON4CLQ		142	abc
n0	OK2ZJ		73	c
n0	DJ3XD		34	b
CH	4N9C		126	ac
CH	HB9AYZ		22	bc
CH	YU7KM		82	abc

Checking: DF4FA, DJ7ST, DK3BN, DL1RNN, DL2BXC, DL6KWN, DL8MTG, DL9CE

- - - - -

Due to delightfully good propagation conditions again more than 200 participants submitted their log. 150 of them arrived on paper and mostly caused little trouble. Especially when the original summary sheets were used: They remind you about breaks, the "Handmade Declaration" etc...

Self-designed logs are a different story. Some OPs will find themselves listed in the "Open" category even though they ran homemade rigs and used no computers. But they forgot to make and sign the "Handmade Statement". Sometimes even the description of the TX or TRX was missed, making classification impossible! Or the log checker had to "guess" the frequency.

Logs sent by e-mail had the greatest omissions: DL1RNN and DL8MTG very often had to inquire and research until the logs were completed and an adjudication became possible at all. Is e-mail furthering negligence?

While it is relatively easy to sort e-mail sent logs by band, it may become an unreasonable demand to the log checker when paper logs are concerned. Newcomers will be pardoned, of course. But those having taken part for many times, many times having received the printed contest rules including the requirement to sort QSOs by band, shouldn't be too surprised if they find their log with hundreds of unsorted QSOs listed as checklog.

Sorting QSOs by band is no big job during the contest, simply change your log sheet when you change the band. Scanning for "dupes" becomes easier, too.

Disordered logs are lowering the motivation of those few and difficult to find OM, who are willing to contribute to the contest's success by means of checking the participants' logs.

- - - - -

There will be no sorting problems after the QRP-Minimal-Art-Session (QRP-MAS) on Ascension day (29th May 2003): it's a single band, 80m only, affair. Here it will probably be more difficult to finish a suitable project in time. Not few of us have built several simple QRP transmitters, and now plan to venture on the field of simple receivers? Shortly I'll post a list of suitable designs from SPRAT and QRP-Report to the packet radio network. The QRP-MAS' invitation & rules will follow soon.

Cu on the QRP-MAS! (maybe even earlier on the QRP-QRP-Party on 1st May)

73/2 "Ha1", DJ7ST

(mni tks to Eddi, DK3UZ, for translation!)

Date: Fri, 28 Mar 2003 19:37:14 -0600
From: Edgar R Guillot <n5ed@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [148302] Re: OT: Great Hubble Photo URL WOW!!
Message-ID: <20030328.193714.2392.0.N5ED@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WOW!!! A WHOLE NEBUAL NAMED AFTER ME!! Ed :)

> Beautiful photo of the "Dumbell" Messier 27 (M27) planetary nebula
> at:
> <<http://www.nmm.ac.uk/uploads/gif/M27.gif>>
>
> 73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>

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ARRL Life Mem.

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Date: Sat, 29 Mar 2003 02:57:52 +0000
From: Paul Kiciak <pkiciak@adelphia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148303] Re: Question on Wideband Transformers/Use of 'filars' windings
Message-ID: <3E850BB0.7060FF@adelphia.net>
MIME-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
<tt>On Friday, March 28, 2003 2:45 PM, Brad Hernlem wrote:</tt><tt></tt>
<p><tt>> When and why would one want to place windings, using a binocular</tt>
<br><tt>> core, such that they pass around the outside of the core rather</tt>
<br><tt>> than solely between the two holes?</tt><tt></tt>
<p><tt>As Hayward et al point out in "Experimental Methods in RF Design"</tt>
<br><tt>in the caption for Fig 3.85, one can make a Stockton type directional</tt>
<br><tt>coupler with a single binocular core.</tt><tt></tt>
<p><tt>What's not stated explicitly there is how to do it. My interpretation
was to</tt>
<br><tt>treat the two holes in a binocular core as you would two independent</tt>
<br><tt>toroids and wind the binocular core the same way - I.E. a pair
of</tt>
<br><tt>windings through each hole and around the "outside" only. No winding
goes</tt>
<br><tt>through both holes. Only one binocular core is required.</tt><tt></tt>
<p><tt>But, when used this way, a binocular core has higher 'hole-hole'
coupling</tt>
<br><tt>than a pair of toroids. I measured a binocular core to have a hole-hole</
tt>
<br><tt>coupling coefficient (k) of about 0.14.</tt><tt></tt>
<p><tt>This hole-hole coupling has the effect of degrading the directivity
of</tt>
<br><tt>the coupler over a conventional two core version, but it can be
adequate</tt>
<br><tt>for many purposes.</tt><tt></tt>
<p><tt>I modelled & built a 30 dB binocular coupler for HF use that
had 24 dB or better</tt>
<br><tt>directivity over 1.8-30 MHz. A typical two core coupler can have
over 40</tt>
<br><tt>dB directivity - substantially better, but not necessarily important
for some</tt>
<br><tt>uses. The difference amounts to saying a perfect 50 ohm (SWR=1:1)
load has a</tt>
<br><tt>measured SWR of 1.13:1 vs 1.02:1.</tt><tt></tt>
<p><tt>This particular coupler also has an input return loss that exceeds
35 dB</tt>
<br><tt>over 1.8-30 MHz. I've tested it up to 100 watts & there was
no noticeable</tt>
<br><tt>heating of the core not harmonic generation.</tt><tt></tt>
<p><tt>73,</tt>
<br><tt>Paul</tt>
<br><tt>N2PK</tt>
<br><tt></tt>&nbsp;</html>
```

Date: Sat, 29 Mar 2003 04:13:15 +0000
From: "Rich Dailey, KA8OKH" <okh.npi@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [148304] Sencore transistor tester TR-139
Message-ID: <5.1.0.14.1.20030329035745.00b97678@incoming.verizon.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I wish to offer this up to the list, as I know this is the community that will make use of such equipment. The Sencore TR-139 is in great operating condition, cosmetically has the typical small pits scattered about the brushed faceplate. *Big* meter. Includes instruction manual and original color coded test clip leads. Picture at -

<http://www.qsl.net/ka8okh/sencore.jpg>

It's excess to my needs now, so the first \$28 gets it, shipping included in the continental U.S. Contact me off-list, please.

Thanks,
Rich, KA8OKH
QRP-L #933 (since 1996, I believe. Happy 10th anniversary QRP-L!)

Date: Sat, 29 Mar 2003 04:57:26 -0000
From: "Kenneth Evans" <w4du@attbi.com>
To: <GQRP@yahoogroups.com>, "QRP-l" <qrp-l@lehigh.edu>
Subject: [148305] QRP Hall of Fame
Message-ID: <006301c2f5af\$b3262a60\$6601a8c0@se1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The balloting for the QRP Hall of Fame is complete. There will be three deserving individuals inducted into the QRP Hall of Fame at the QRP ARCI Awards banquet this year. The banquet is held Saturday, May 17, 2003 as part of FDI 2003 (see <http://www.qrparci.org/fdim64.html#banquet>) The individuals have been notified. Their identity will be made public at the banquet.

72/3,
Ken W4DU

w4du@arrl.net

QRP ARCI #696, QGRP, NOGA, FP #295, NORCAL, ARRL-Life

Date: Sat, 29 Mar 2003 0:33:33 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [148306] K0EVZ Final FOX Log
Message-ID: <412003362963333747@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Corrections to my FOX log have apparently been made, so following is the final version. Thanks again to all who dropped by during the hunt.

0208	NQ7X	559	AZ	Floyd	5w
0208	W0CH	599	MO	Dave	5w
0209	WA9TZE	559	WI	Jim	5w
0210	N9NE	559	WI	Todd	5w
0211	K5JHP	559	TX	Bill	5w
0211	N2WW	559	CO	Larry	5w
0212	K3ESE	559	MD	Lloyd	5w
0212	N9AW	579	WI	Jerry	5w
0213	W9XU	559	WI	Lon	5w
0214	N6LIF	559	TX	Martin	5w
0215	N0TK	559	CO	Dan	5w
0216	N1FN	559	CO	ET	5w
0217	W5TB	559	TX	Doc	5w
0217	KR5C	559	TX	George	5w
0218	WA8BXN	559	OH	Mike	5w
0220	N5ZE	559	TX	Lew	5w
0221	K5ZTY	559	TX	Bill	5w
0222	N4ROA	559	VA	Dan	5w
0223	W7KXB	559	AZ	Bill	5w
0224	K0FRP	579	CO	Al	5w
0225	AC5JH	559	OK	Tom	5w
0226	W5USJ	559	TX	Chuck	5w
0226	K9DC	559	IN	Dave	5w
0227	K5DW	559	TX	Don	5w
0228	AB9CA	559	AL	Dave	5w
0229	W5YR	559	TX	George	5w
0230	N3BJ	559	VA	Alan	5w

0230	K5DI	579	NM	Karl	5w
0232	K5SR	559	TX	Dale	5w
0233	KK5LD	599	TX	Jim	5w
0234	K7TQ	559	ID	Randy	5w
0235	K5EOA	559	LA	Wayne	5w
0235	AA50	559	LA	Vern	5w
0236	K3PH	559	PA	Bob	5w
0237	WA8NTA	559	CO	Dick	5w
0238	K2ZN	559	NY	Al	5w
0238	NN5E	559	TX	Vern	5w
0239	KB9YIG	559	IN	Tony	500mw
0240	KK5NA	559	TX	Joe	5w
0242	W8YMO	559	OH	Harry	5w
0243	K5OI	559	OK	Tim	5w
0244	AE4TC	559	VA	Scott	5w
0246	WD9F	559	IL	Woody	5w
0247	KC2CK	559	NY	Don	5w
0248	KK5LD	559	TX	Dean	5w
0250	KG6CYN	559	CA	Trev	5w
0251	K4TJD	559	GA	Tom	5w
0254	WW7Y	559	UT	Steve	5w
0254	KJ0C	559	MO	Jim	5w
0257	KB7WW	559	OR	Art	5w
0259	AF4LQ	559	KY	Mike	5w
0300	N1TP	559	FL	Tom	5w
0301	AC7A	579	AZ	Tom	5w
0302	K6MMC	559	CA	Mike	5w
0303	AD6JV	559	VA	Bill	5w
0304	K4FB	559	FL	Paul	5w
0306	W2AGN	559	NJ	John	5w
0307	KR0U	579	CO	Tim	5w
0309	K4YF	559	NC	Ed	5w
0311	KD5CMN	559	TX	Mike	5w
0312	NK6A	559	CA	Don	5w
0313	AJ4AY	559	AL	Jay	5w
0313	K5AIC/4	559	TN	Herb	5w
0315	NV4V	559	KY	Pete	5w
0315	K3PH	559	PA	Bob	5w
0316	KI0II	559	CO	Ron	5w
0317	W3DCG	569	GA	Daren	5w
0318	K5DH	599	TX	Dean	5w
0319	KE6RS	559	CA	Ron	5w
0320	K5PSH	559	TX	Jerry	5w
0322	N0OR	599	CO	Jim	4w
0323	N5IB	559	LA	Jim	5w
0324	WS4S	559	TN	Conard	5w
0326	W8SFF	559	MI	Steve	5w
0323	W3SO	559	MD	Marty	5w

0331 VE6JAZ 449 AB Rob 5w
0332 W2BN 559 FL Fred 5w
0333 KC9LC 559 VA Randy 5w
0335 W3SMK 559 NY Steve 5w
0337 KC1FB 559 CT Jim 500mW
0340 WB8WTU 559 OH Dennis 5w
0341 W9UQB/7 559 AZ Mike 5w
0343 AK7D 559 OR Fred 5w
0350 AG0T 559 ND Todd 5w (notice short band!)
0355 N6CQR FOX
0355 K0EVZ FOX

73,
--Doc/K0EVZ

Date: Sat, 29 Mar 2003 0:33:50 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [148307] Want to Buy--Norcal 40a
Message-ID: <412003362963350631@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Anybody have a souped up Norcal 40a rig you will part with? I am looking for one which has a 3-5 watt mod, and would prefer one with a built-in keyer.

If you have one available, please let me know. One guy wrote back earlier, but has apparently lost interest. Thanks!

73,
--Doc/K0EVZ

Date: Sat, 29 Mar 2003 0:33:38 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [148308] Presentation to Red Cross
Message-ID: <412003362963338834@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Many thanks to so many who sent suggestions for my recent presentation to the Red Cross folks. I was able to set up a working station, albeit with plenty of QRN at times. The setting was a local community centre.

Thanks especially to Brian Murrey KB9BVN, who sent me the ARRL DVD entitled "The ARRL Today", narrated by Walter Cronkite. This is a terrific brief (~6 minutes) overview of ham radio, from the ARISS to disaster response, including 9/11 and the big forest fires in CO last summer. Highly recommended.

About 350 people stopped by, and I lost count of how many times the DVD was played. Thanks again.

73,
--Doc/K0EVZ

Date: Sat, 29 Mar 2003 06:38:16 -0400
From: "Heimo J. Lyden" <fg5vij@golfinho.com>
To: qrp-l@Lehigh.EDU
Subject: [148309] OT: New callsign

Message-ID: <oprmsk52z2vc50y9@mail.wanadoo.fr>
Content-Type: text/plain; charset=iso-8859-15; format=flowed
MIME-Version: 1.0

I am testing if I can post messages with my new email address.
I received my new callsign FG5VIJ.

73
Heimo FG5VIJ
ex. FG/SM6L0D

Date: Sat, 29 Mar 2003 14:27:54 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [148310] WY all QRP
Message-ID: <5.1.0.14.0.20030329142057.02c7fa88@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

It has been awhile. I think I've exhausted most of the possibilities for finding local hams in the counties I still need QRP - at least those that have e-mail. So I'm now waiting for the mobiles to get to them.

Today it was KC9J/M who made it to Sheridan, WY to finish off the state all counties QRP. One more state done. Now only 28 counties in 11 states to go. Great Day.

I keep the full needs list up at the web site.

73 de Larry.....WD3P
<http://www.wd3p.net/>

Date: Sat, 29 Mar 2003 10:01:16 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l@lehigh.edu
Subject: [148311] SCAFs
Message-ID: <3E85B53C.8A48F46E@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone still play around with these? I know that DSP is much

sexier, but as a guy who's permanently rooted in the analog world, I'm much more comfortable with these devices.

My interest became renewed during a cellar cleanup - I found a couple NOS MF8's buried in the junque pile.

Since the MF8 is no longer available, I did some searching and it looks like one could do some pretty slick stuff with the Linear Technologies devices, especially the LTC1068 8th order filter. I bet this could do wonders for a DC receiver or any other rig that relies upon AF selectivity.

72 - Al, K2ZN

Date: Sat, 29 Mar 2003 15:53:13 +0000
From: "Rich Dailey, KA80KH" <okh.npi@gte.net>
To: qrp-l@lehigh.edu
Subject: [148312] April QST Arrived?
Message-ID: <5.1.0.14.1.20030329154920.00b9da18@incoming.verizon.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ARRL Members:

Has your Apr 2003 QST arrived? Mine has not as of 3-29 - I fear it has fell into the abyss. Wondering if I should place a call, or wait a bit longer. Sure would like to see the Rock-Mite cover.

de Rich, KA80KH

Date: Sat, 29 Mar 2003 15:54:04 +0000
From: "Rich Dailey, KA80KH" <okh.npi@gte.net>
To: qrp-l@lehigh.edu
Subject: [148313] Sencore Transistor tester spoken for -tnx
Message-ID: <5.1.0.14.1.20030329155330.00b919e8@incoming.verizon.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

de Rich, KA80KH

Date: Sat, 29 Mar 2003 12:57:12 -0500

From: "NZ8J" <nz8j@woh.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [148314] FS: OHR WM-1 Meter (plus Kanga Stockton meter)
Message-ID: <007201c2f61c\$a01da610\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FS: excellent condition OHR WM-1 wattmeter (100mw,1w, and 10w scales) with manual. I will also throw in a Kanga Stockton directional wattmeter. (the Kanga meter works, but probably needs alignment or something, it has 5w and 20w ranges and only reads 10w at a known 20 watts) It is not real pretty, but I do have the paperwork for it also.

\$75 for both and I will ship and insure via U.S. priority mail.
Thanks
Tim
NZ8J

Date: Sat, 29 Mar 2003 14:19:11 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <fpqrp-1@mpna.com>, <qrp-1@Lehigh.EDU>
Subject: [148315] FS: Emtech ZM-2 Kit
Message-ID: <200303292109.PAA02269@zinc.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Excess to my needs and up for sale...

Emtech ZM-2 QRP Tuner Kit. Older style where you drill your own= holes in the faceplate. Unbuilt. \$50 including shipping to the US.

Please contact me off list.

Tim, N9PUZ

Date: Sat, 29 Mar 2003 12:25:48 -0800

From: Ted Buckley <tedb@aracnet.com>
To: okh.npi@gte.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148316] Re: April QST Arrived?
Message-ID: <5.1.0.14.2.20030329122229.00a83ba0@mail.aracnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Mine hasn't arrive either. . . go to the ARRL web page and send complaint email to circulation@arrl.org
Meanwhile, CQ and 73 April issues have been here for a week or so. . .
Ted WA7DFD

At 03:53 PM 3/29/03 +0000, Rich Dailey, KA8OKH wrote:
>ARRL Members:
>Has your Apr 2003 QST arrived? Mine has not as of 3-29 - I fear it
>has fell into the abyss. Wondering if I should place a call, or wait a bit
>longer. Sure would like to see the Rock-Mite cover.
>
>de Rich, KA8OKH

Date: Sat, 29 Mar 2003 15:35:34 EST
From: NA1XX@aol.com
To: qrp-1@lehigh.edu
Subject: [148317] Shack Cleaning
Message-ID: <15b.1db45dff.2bb75d96@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Spring cleaning at NA1XX. For sale:

MFJ 9020 QRP 20 meter CW transceiver, excellent condition, \$70 (or bo) shipped CONUSA .

Ameco PT3 receiver preamplifier, original box and documentation, power supply, \$30 (or bo) shipped CONUSA

Uniden HR2510 10 meter CW-SSB-FM transceiver, original box and documentation, good condition, \$100 (or bo) shipped CONUSA.

Please reply direct to NA1XX @aol.com

Thanks for the bandwidth,

72
NA1XX
Mike Connelly
North Weymouth MA
QRP-L # 1588
"When All Else Fails ... CW."

Date: Sat, 29 Mar 2003 16:42:17 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148318] Re: April QST Arrived?
Message-ID: <000b01c2f63c\$1272f6b0\$9850590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rich,

Got my April QST about a week ago. I ususally seem to get maine later than just about everyone else I know. I guess we Lifers come last! Hi!

73 de Larry W2LJ

<http://www.qsl.net/w2lj>
W2LJ@arrl.net

----- Original Message -----

From: "Rich Dailey, KA80KH" <okh.npi@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, March 29, 2003 10:53 AM
Subject: April QST Arrived?

> ARRL Members:
> Has your Apr 2003 QST arrived? Mine has not as of 3-29 - I fear it
> has fell into the abyss. Wondering if I should place a call, or wait a
bit
> longer. Sure would like to see the Rock-Mite cover.
>
> de Rich, KA80KH
>
>

Date: Sat, 29 Mar 2003 16:25:01 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-l@lehigh.edu
Subject: [148319] Is anyone going to Arkiecon from Houston?
Message-ID: <BAAB795D.4181%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

If anyone from Houston is driving to Arkiecon, can you send me an e-mail off line? Thanks - Duffey

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sat, 29 Mar 2003 17:34:03 -0600
From: "Jay" <aj4ay@worldnet.att.net>
To: "QRPL" <qrp-l@lehigh.edu>
Subject: [148320] FP WAS
Message-ID: <001a01c2f64b\$af448a80\$4d70560c@jay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

I just received a really great looking certificate from the Flying Pigs for working FP QRP WAS in 2002. It turned out to be more of a challenge than I anticipated at first. I finally managed to catch Dean in HI during the NOV Spartan Sprint for # 50.

Thanks to the Pigs for a fun challenge and a very nice, suitable for framing, certificate.

My best to all,

Jay
AJ4AY
Mobile, AL
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.462 / Virus Database: 261 - Release Date: 3/13/2003

End of QRP-L Digest 2874
